

FIG. 1A

100

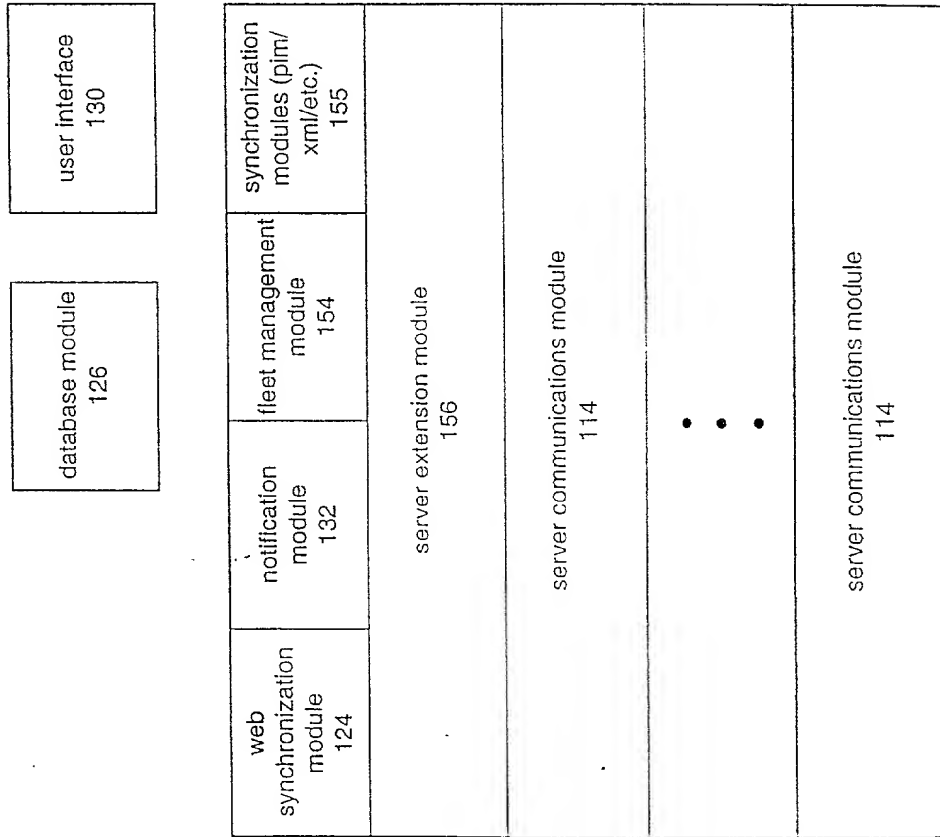
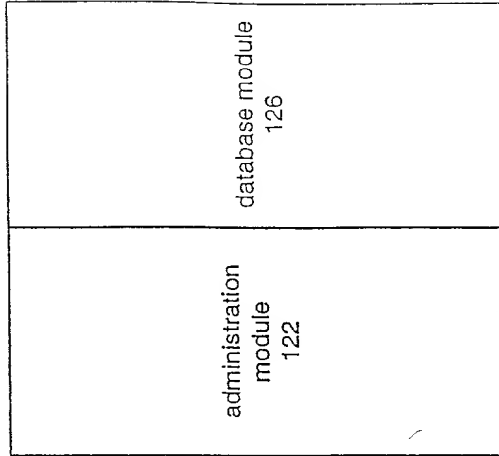


FIG. 1B

Data Processing Unit 103A

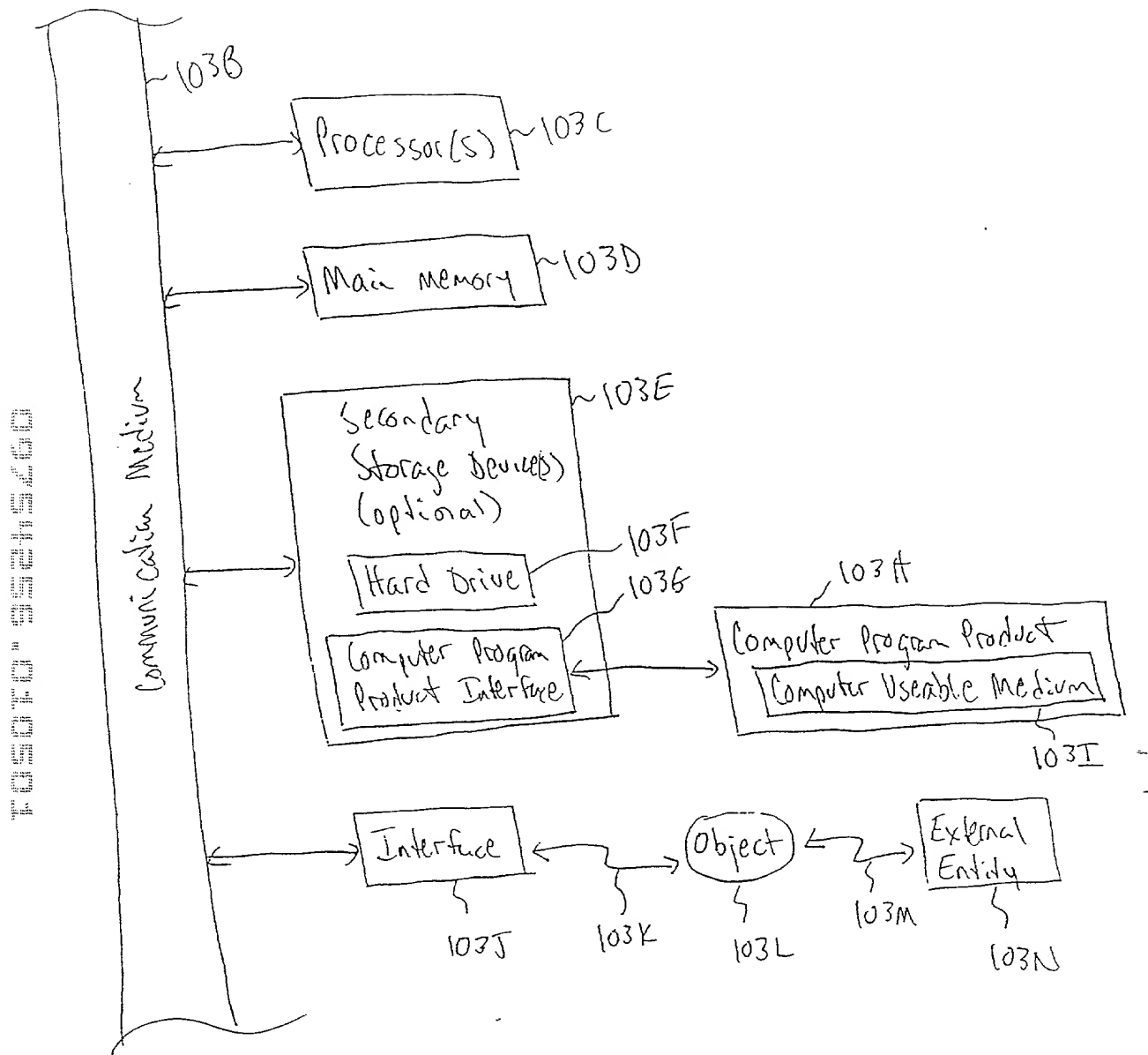


FIG. 1B1

Core Technology : Placing Internet/  
Intranet Content on Mobile Devices

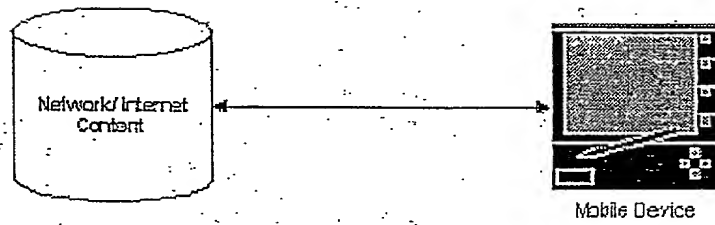


FIG. 1C

# Mobile Device/Server Environment

Mobile Devices in a Client Server Environment

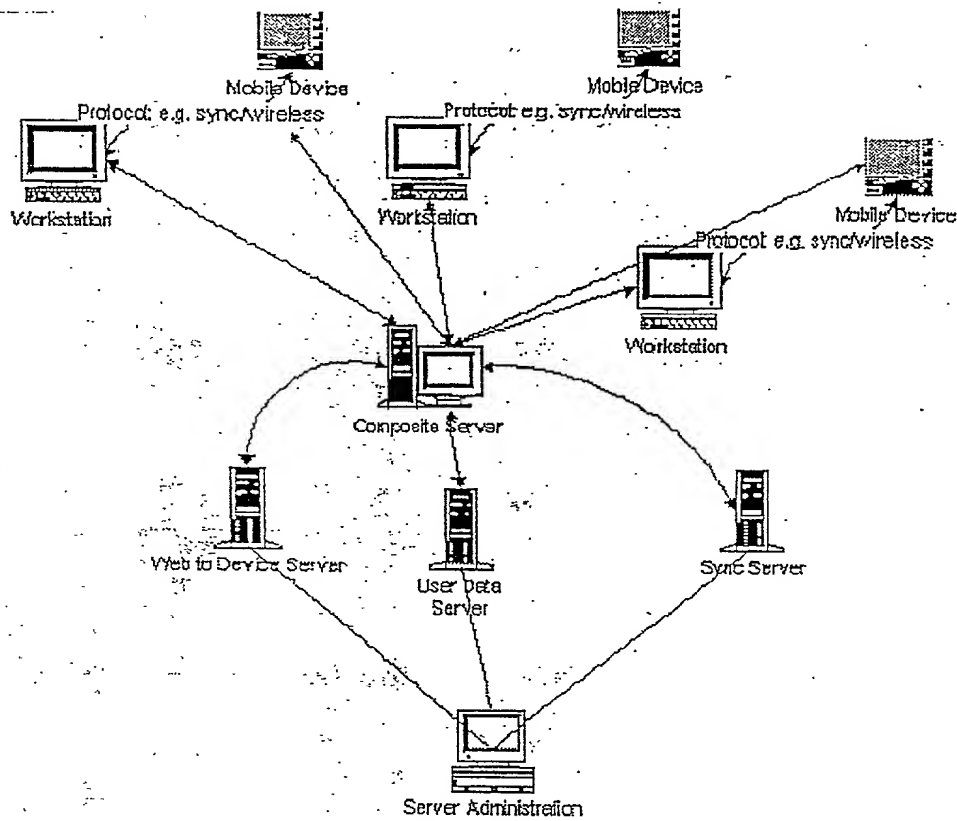


FIG. 1D

# Downstream Protocol

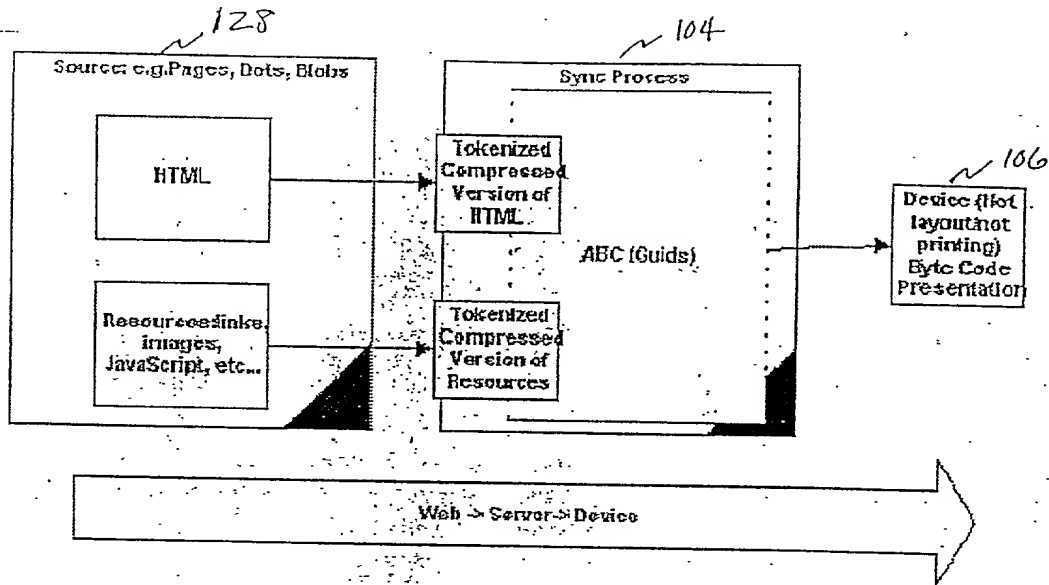


FIG. 1E

# One Up/One Down Sync

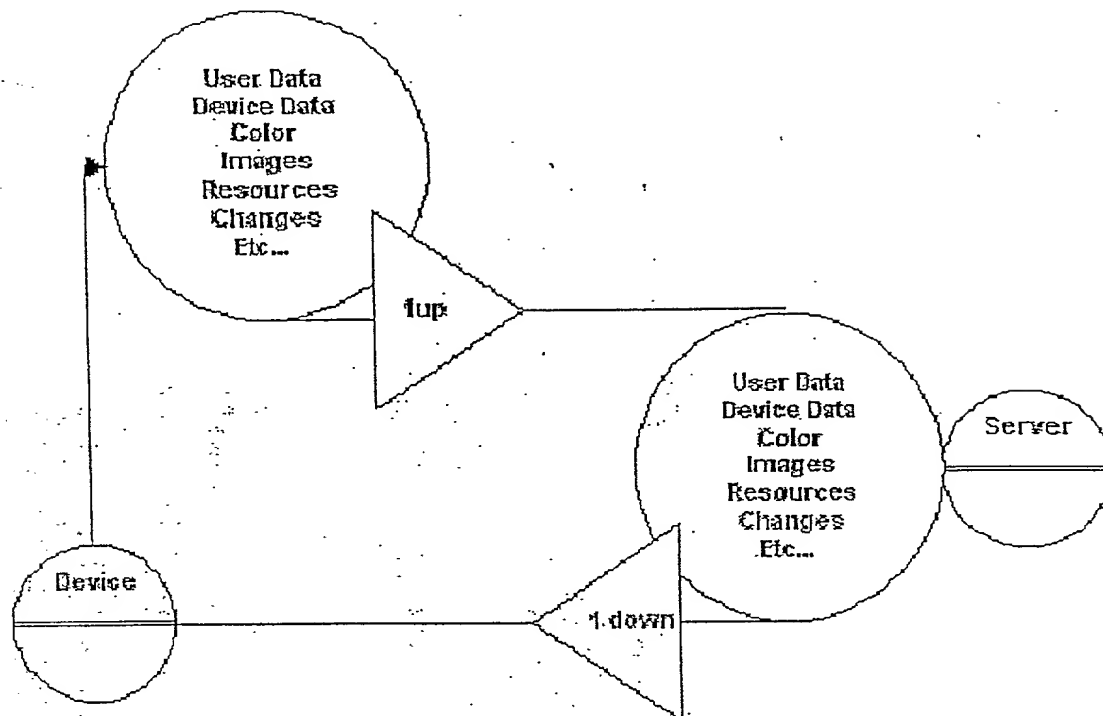


FIG. 1F

# Sync Process

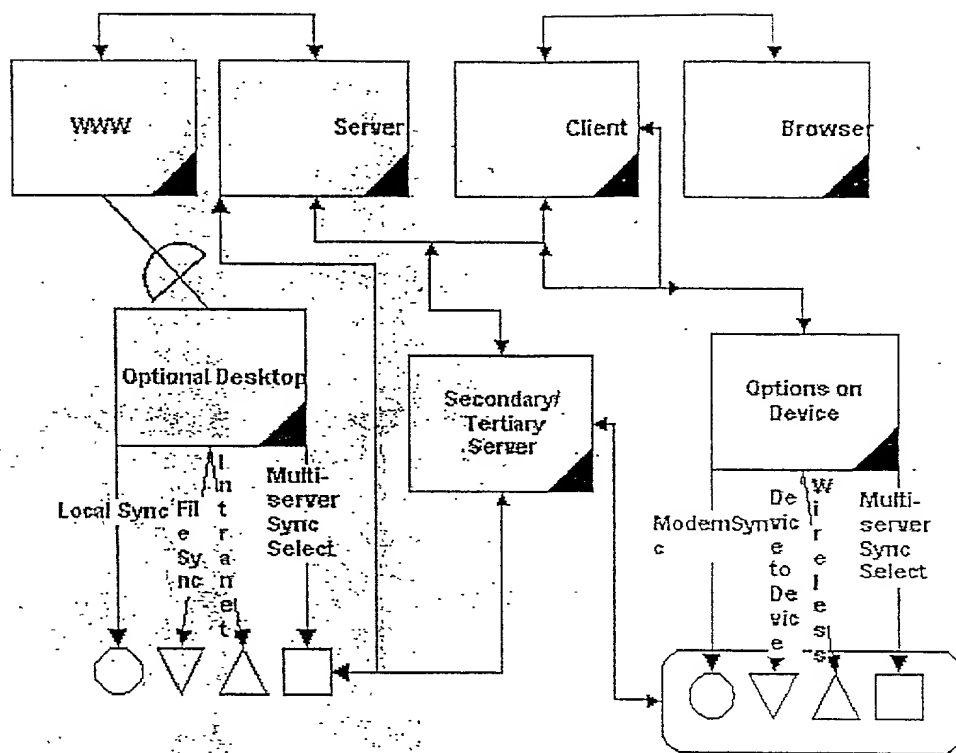


FIG. 1G



# Granular Variable Protocol

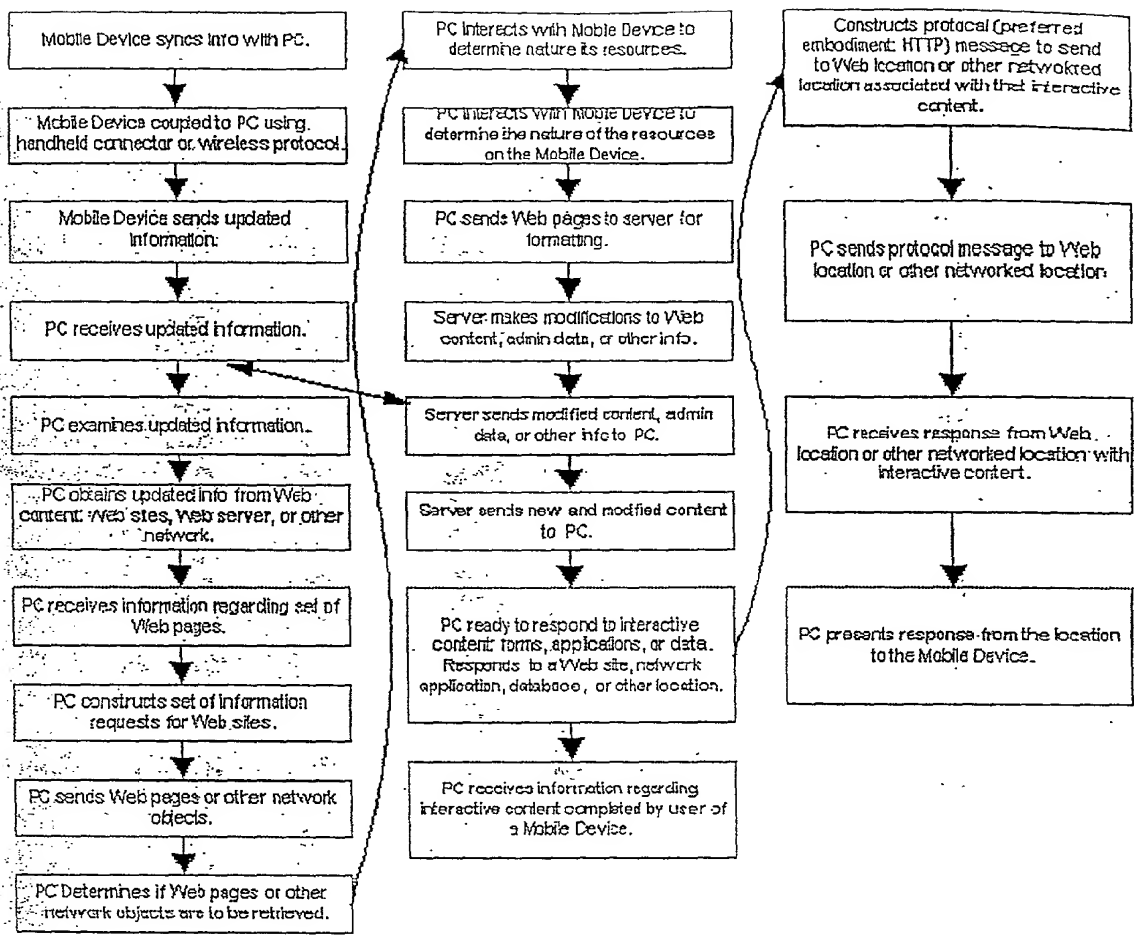


FIG. 1A

# Optimization: An Example

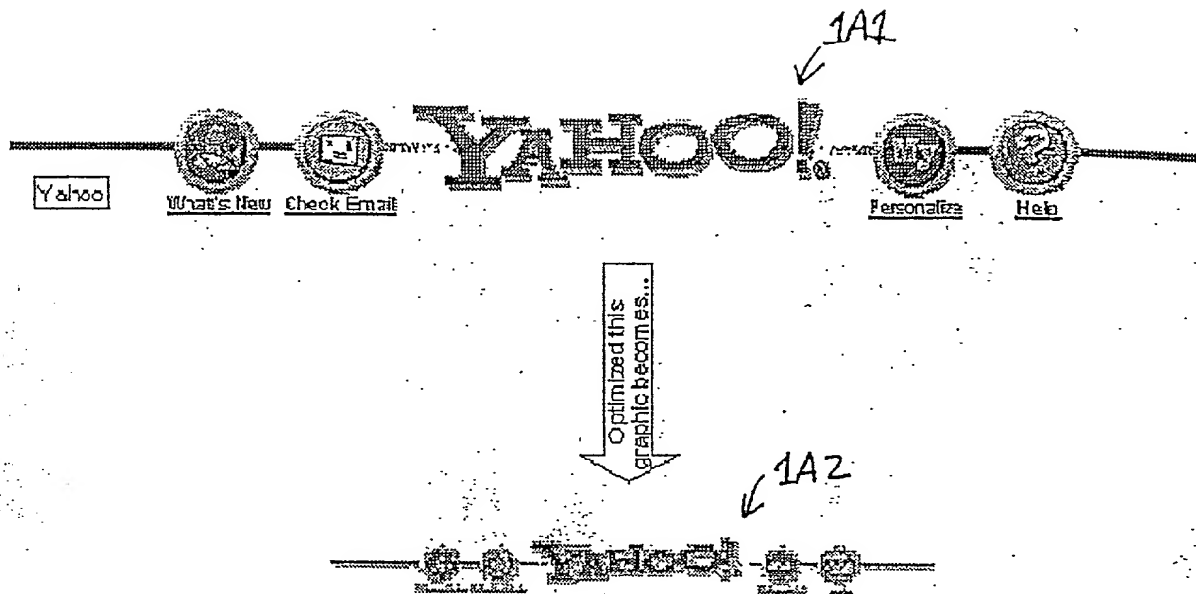


FIG. 1I

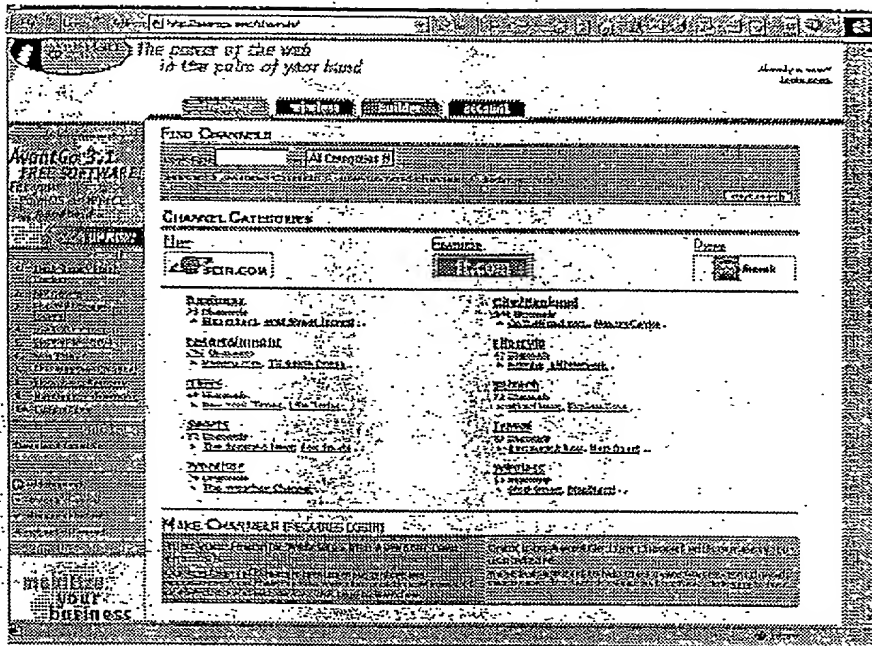
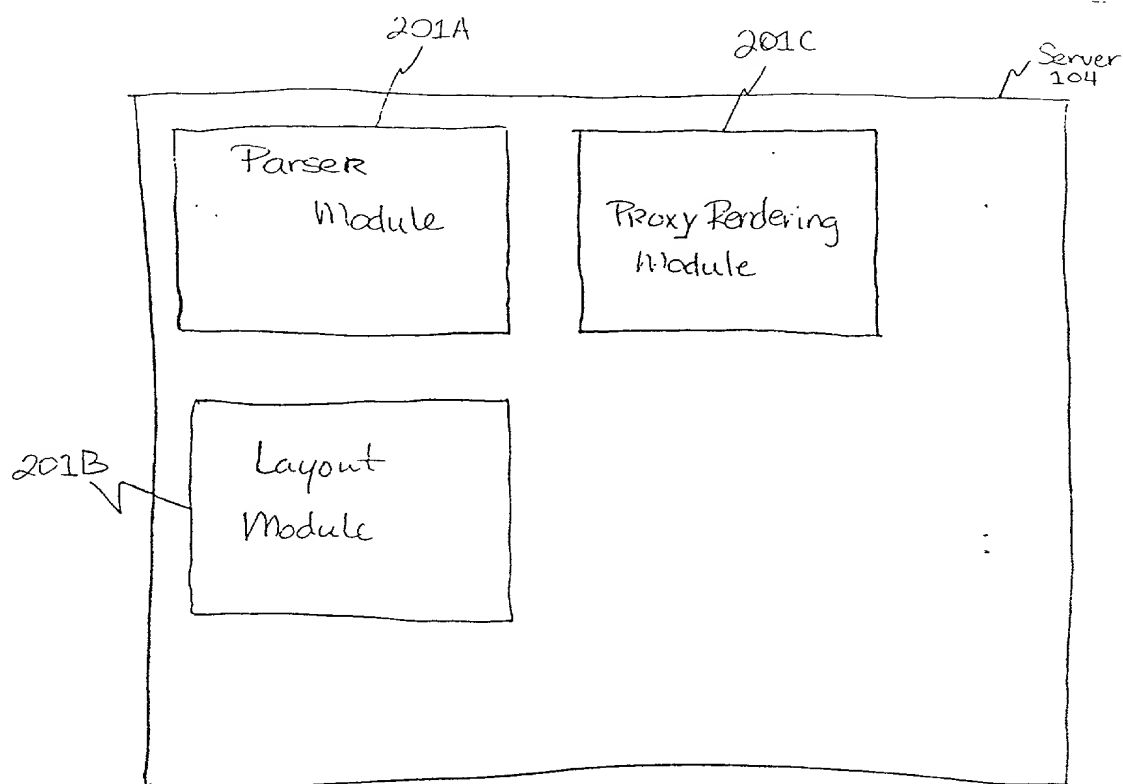


FIG. 1J



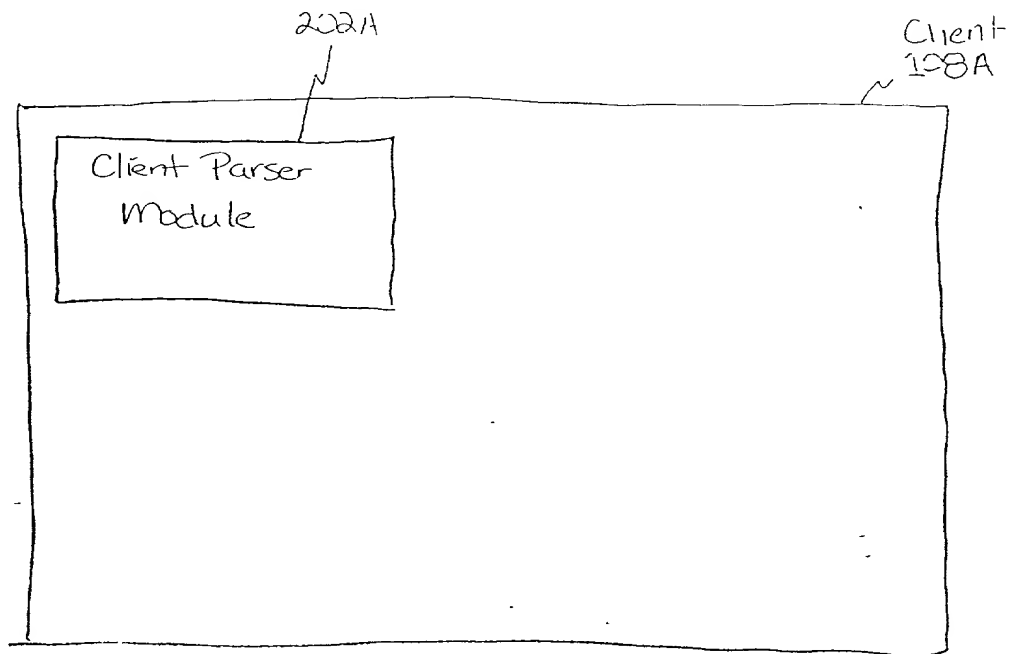


FIG. 2B1

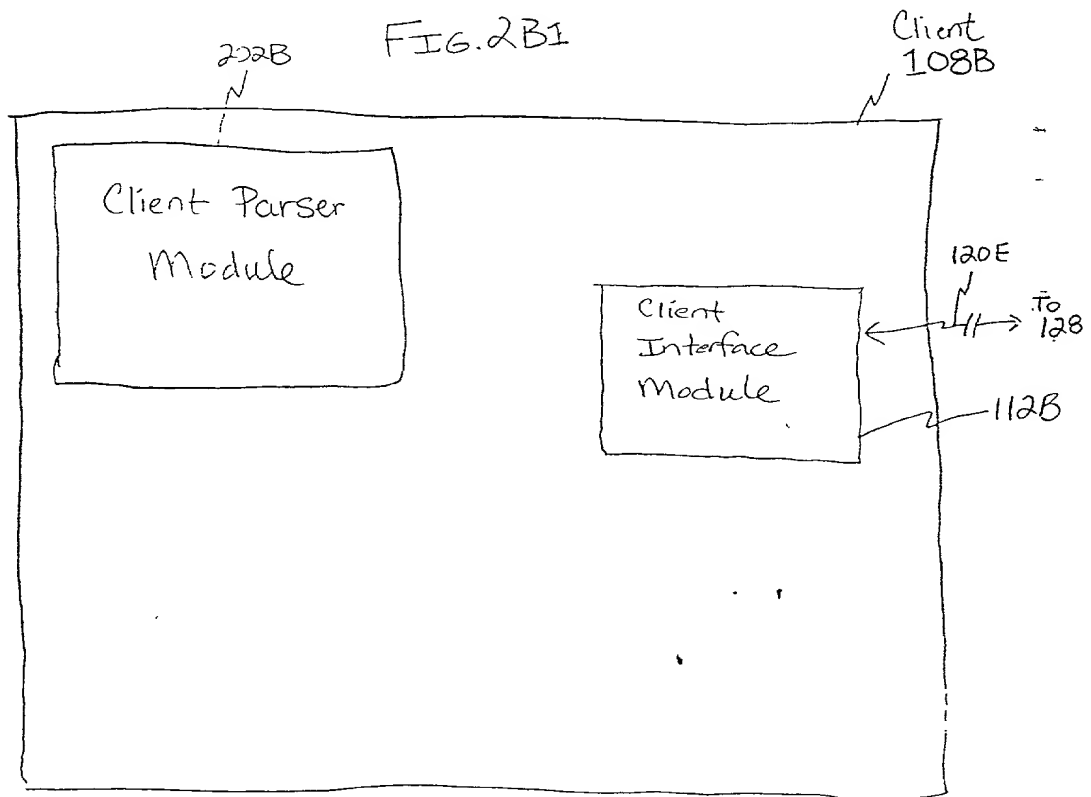


FIG. 2B2

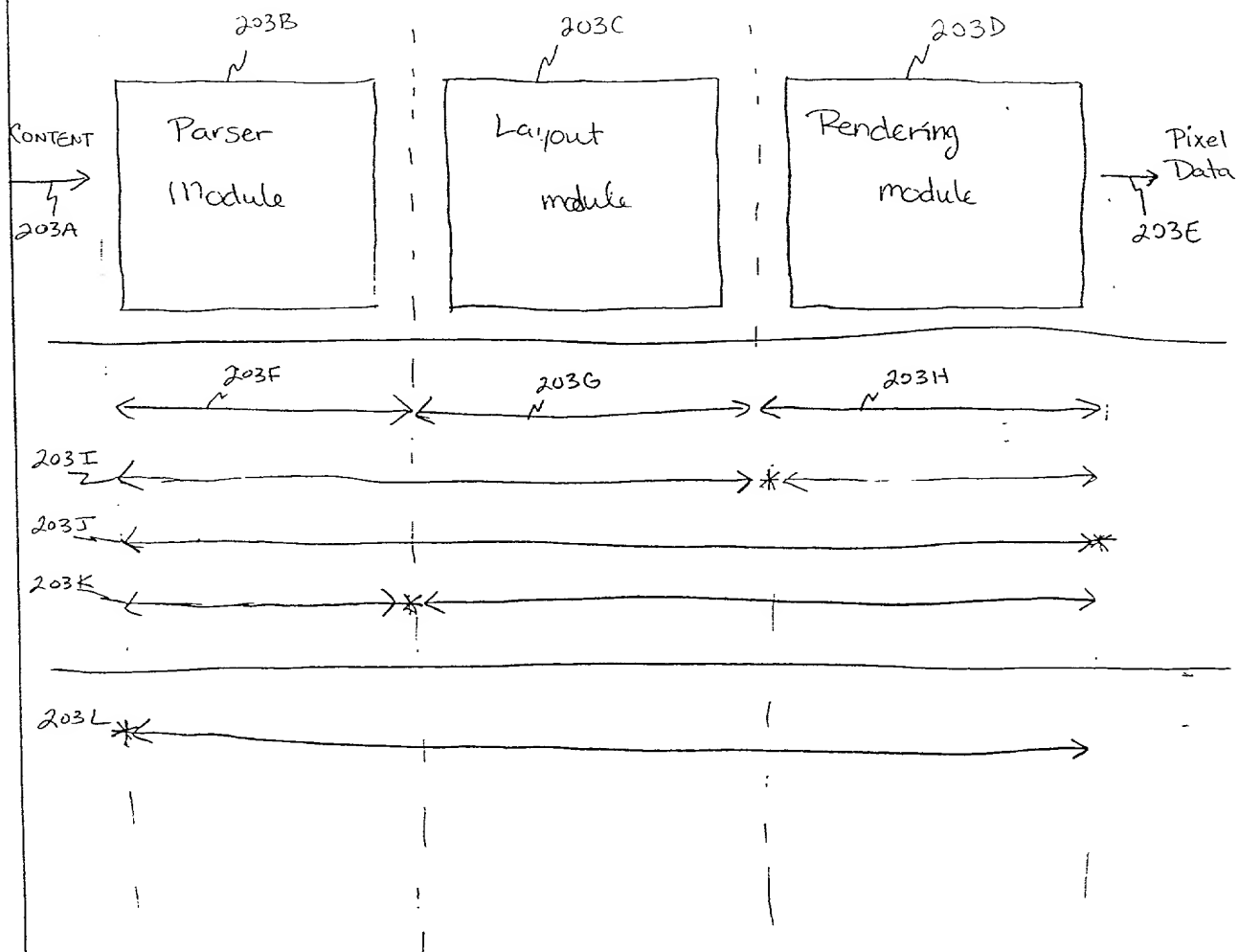


FIG. 2C

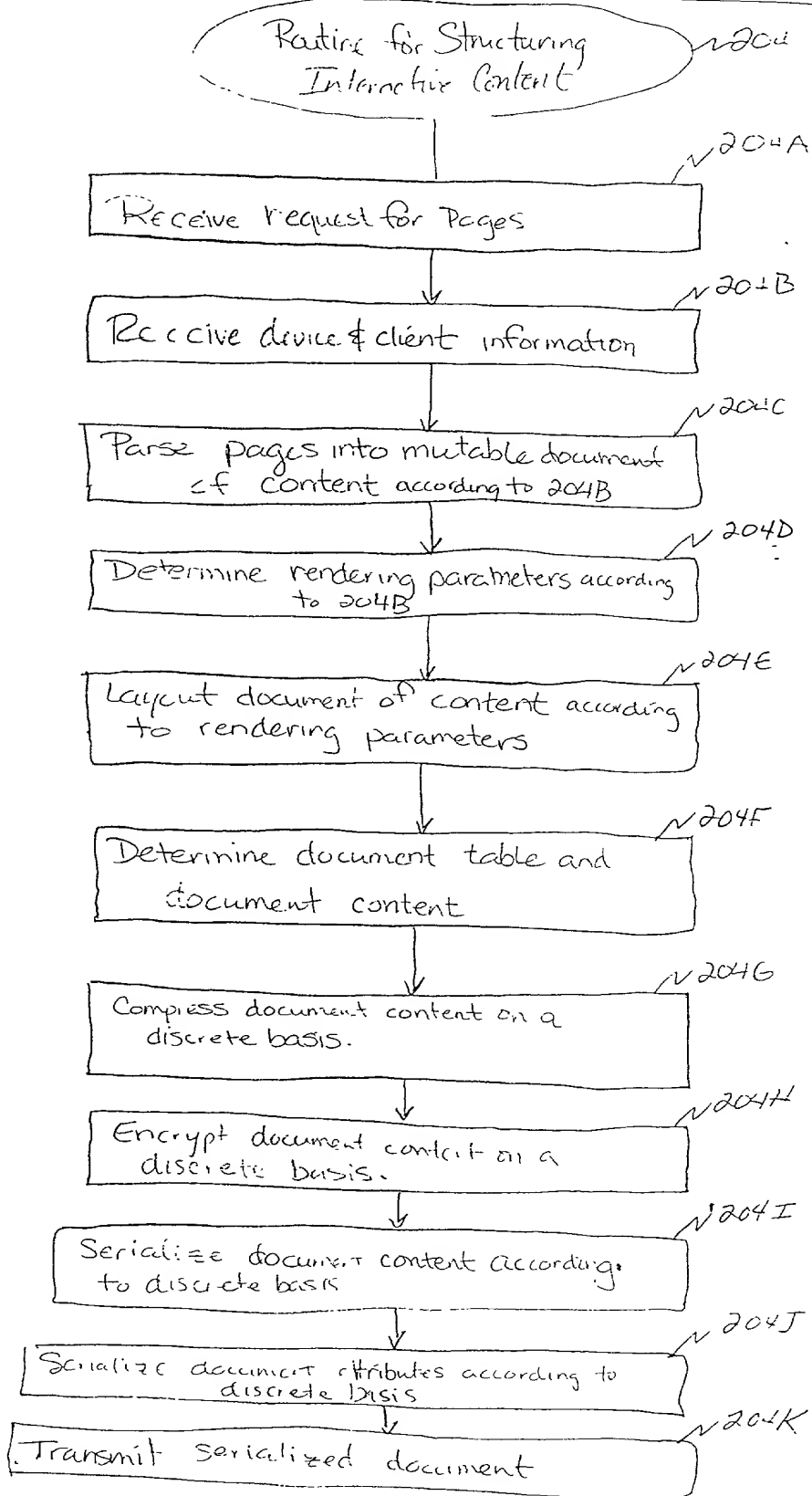


FIG. 2D1

Routine for Employing  
Interactive Content 204M

Send request for pages. 204N

Receive requested pages 204Q

Parse pages into mutable document  
of content 204R

Determine rendering parameters 204S

Layout document of content according to  
rendering parameters 204T

Display pixels on screen 204U

FIG. 2D2



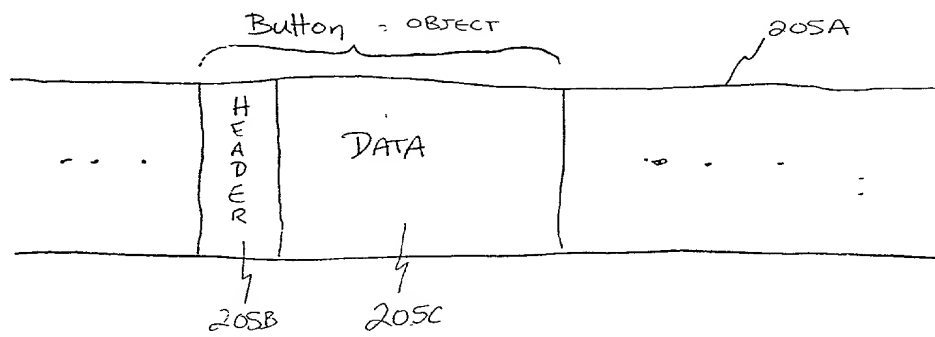
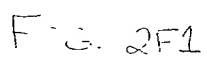


FIG. 2E



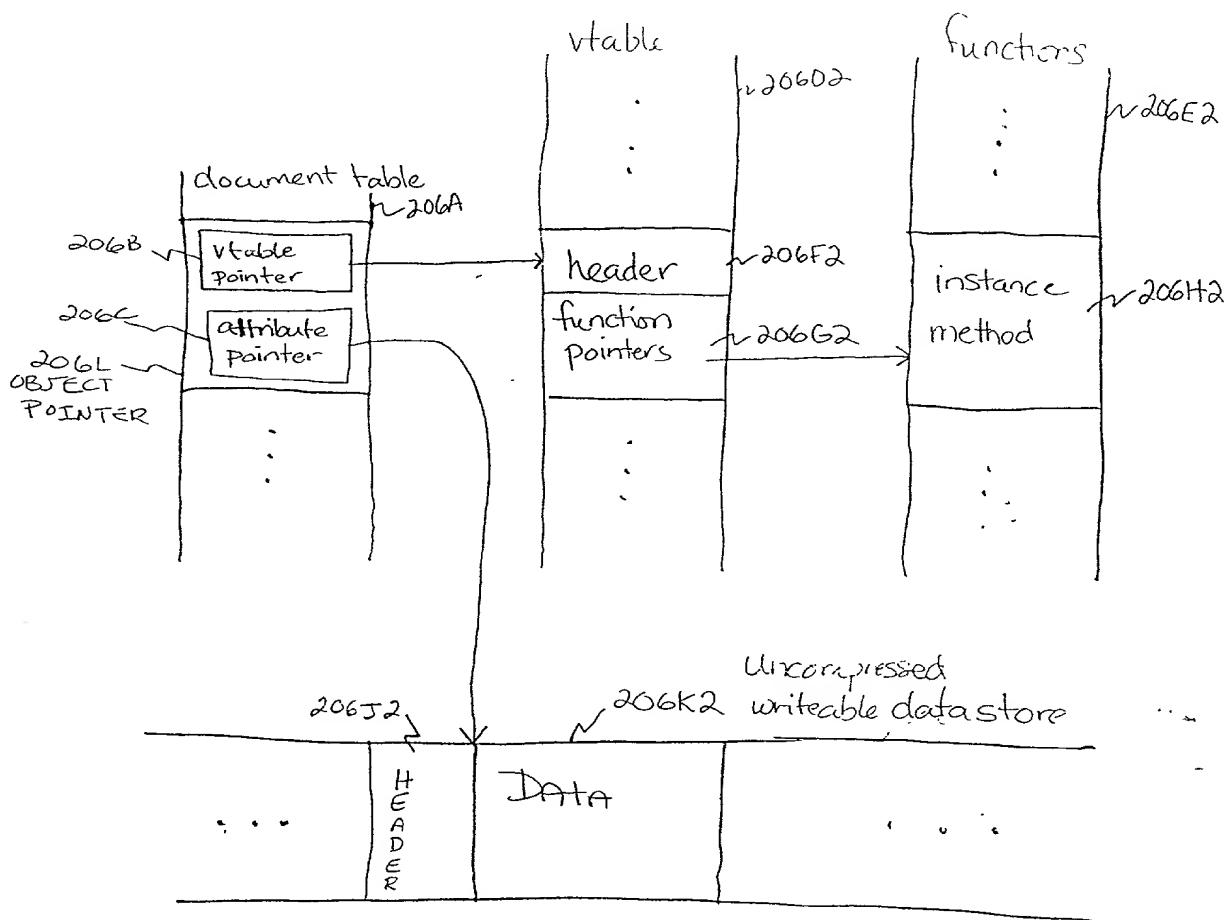


FIG. 2F2

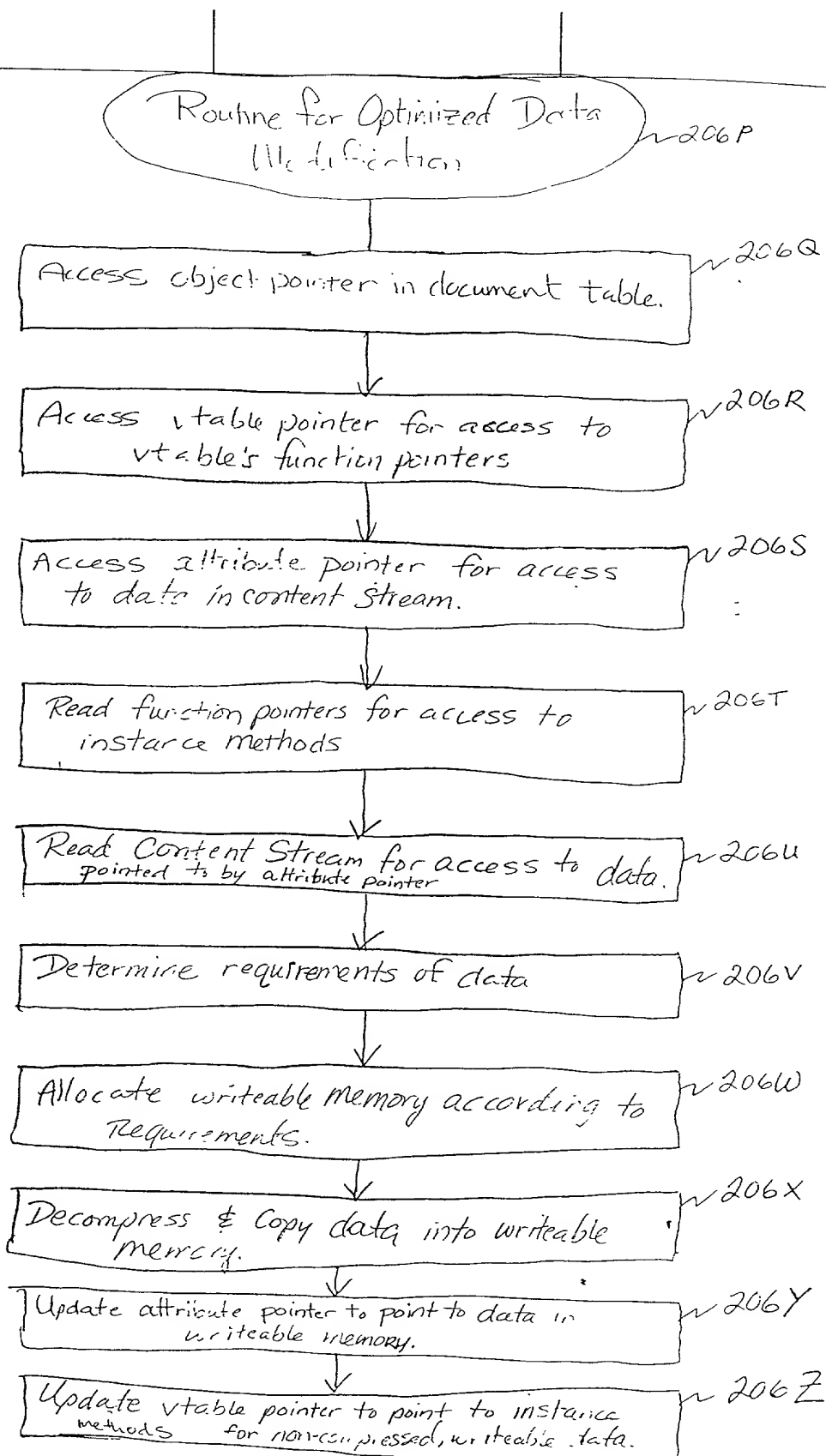


FIG. 2F3



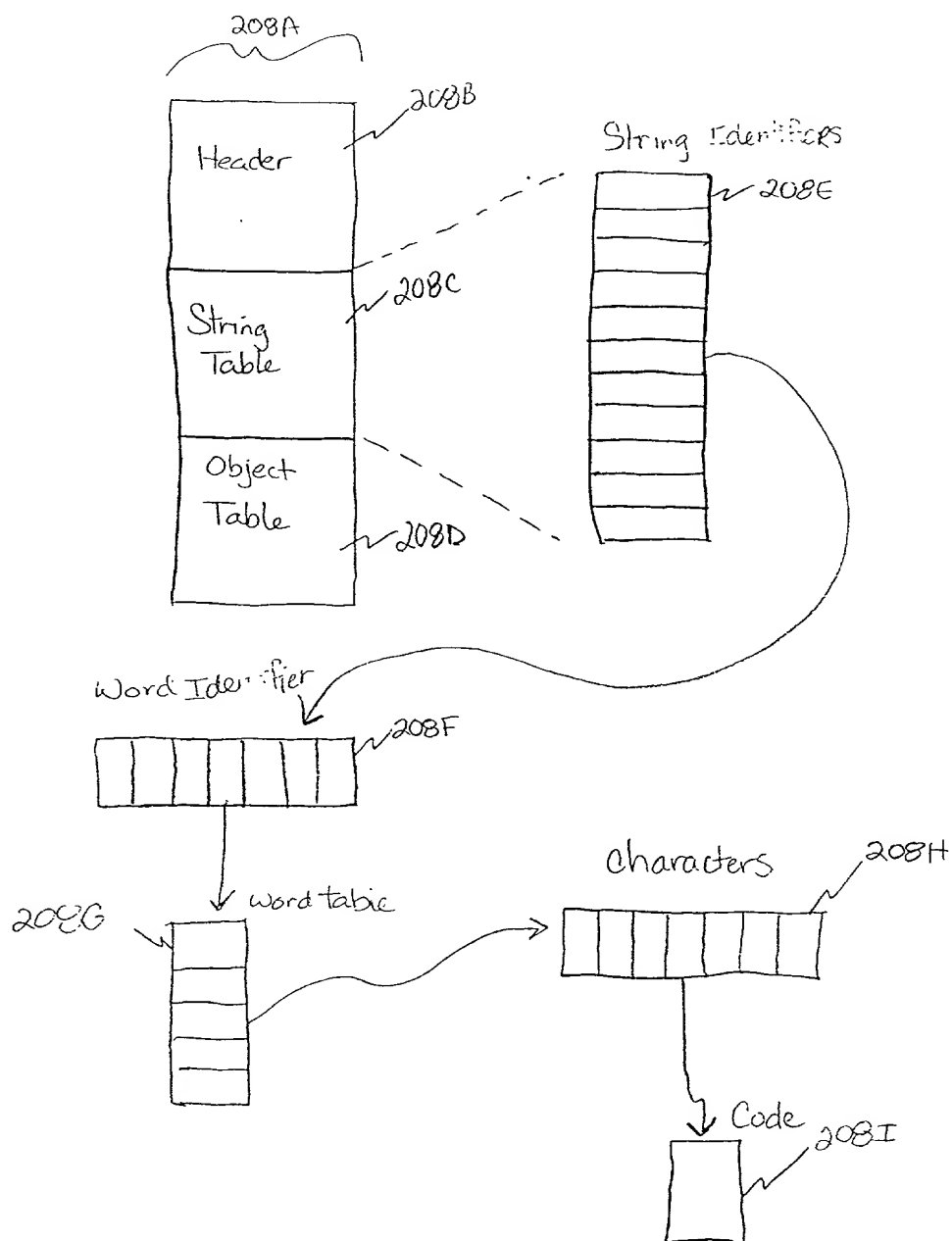


FIG. 24

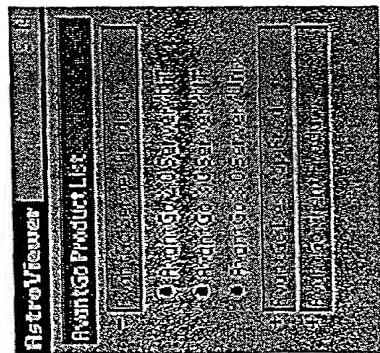


FIG 211

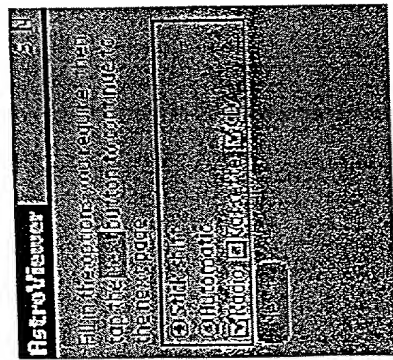


FIG. 212



Astro

S N

Introduction

This is a sample page. It shows a few things you can do with Astro. Read the page, read the page source, make changes, and use astro bat to generate your own <page>.pdb file.

HTML

HTML. Astro implements HTML 4.0, but at this time the set of supported tags is very limited, and

FIG. 2J

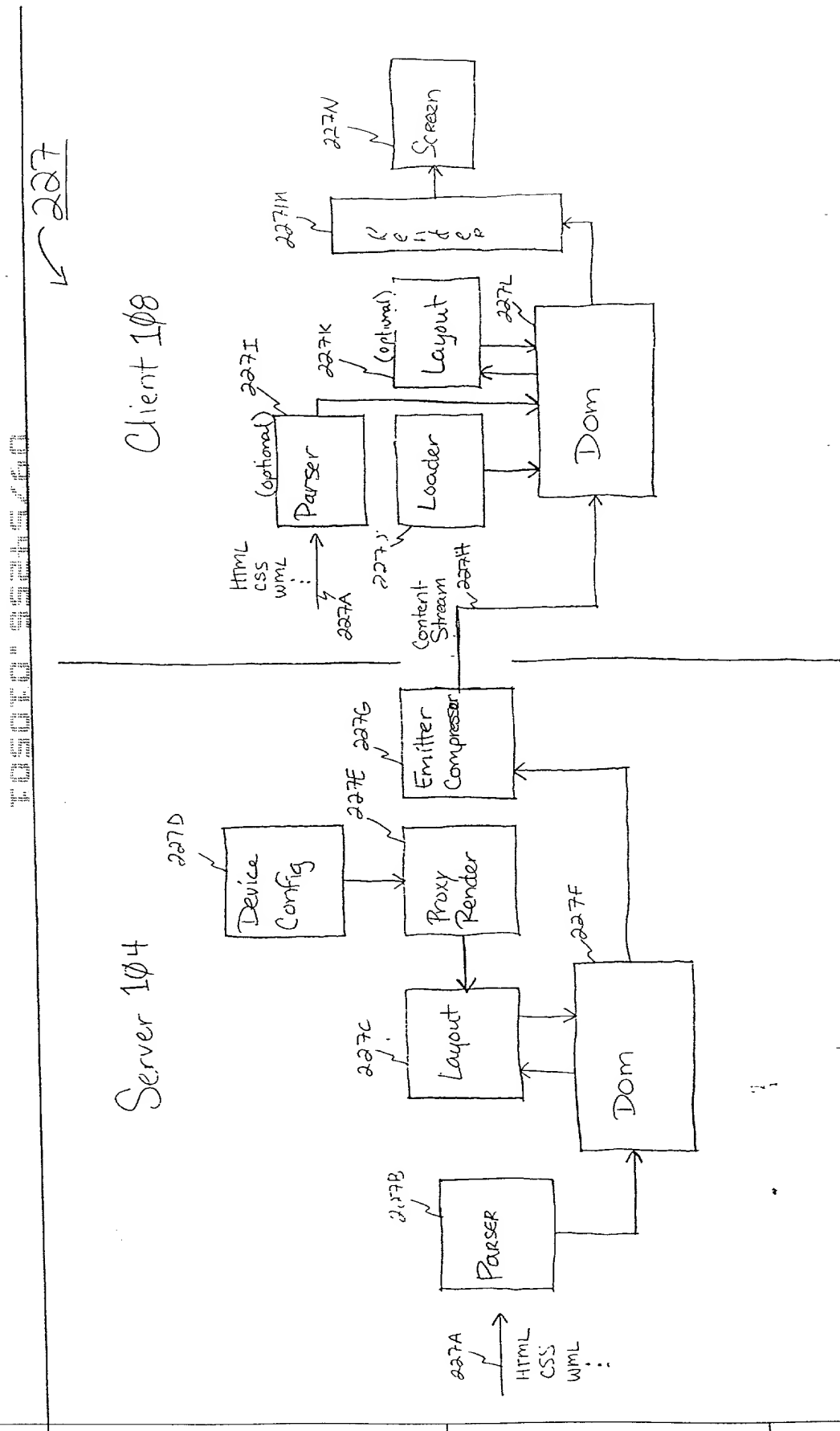


Fig. 2K

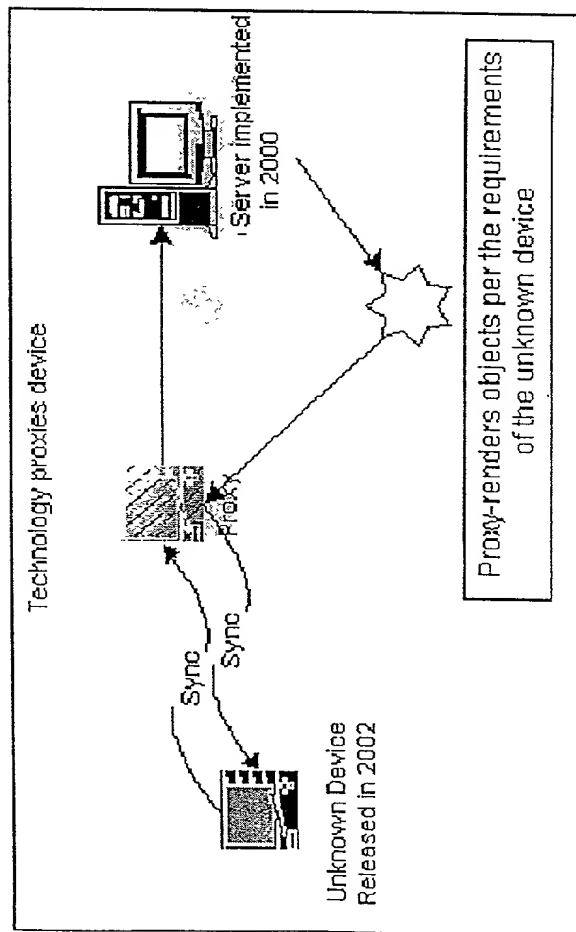


FIG. 2L



320

Data Object Request

322

Check To See If Data Object In Cache For Requesting Device (Based On Device Characteristics)

324

YES

LOAD TRANSFORMED DATA OBJECT

326

NO

RETRIEVE DATA OBJECT FROM PROVIDER

328

ERR. MSG ?

330

NO

TRANSFORM RETRIEVED DATA OBJECT

332

YES

TRANSFORM ERROR MESSAGE

333

STORE IN CACHE WITH DEVICE SPECIFIC INFORMATION

334

SEND TO DEVICE

336

FIG. 3B

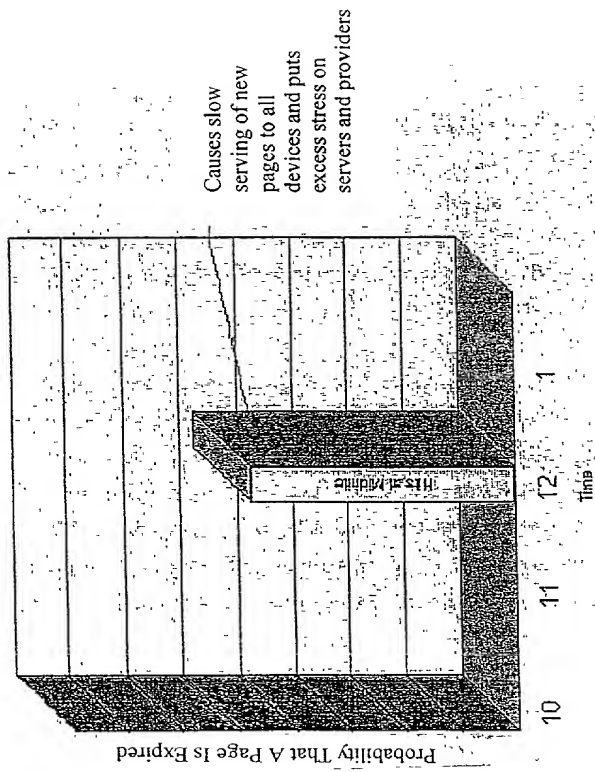
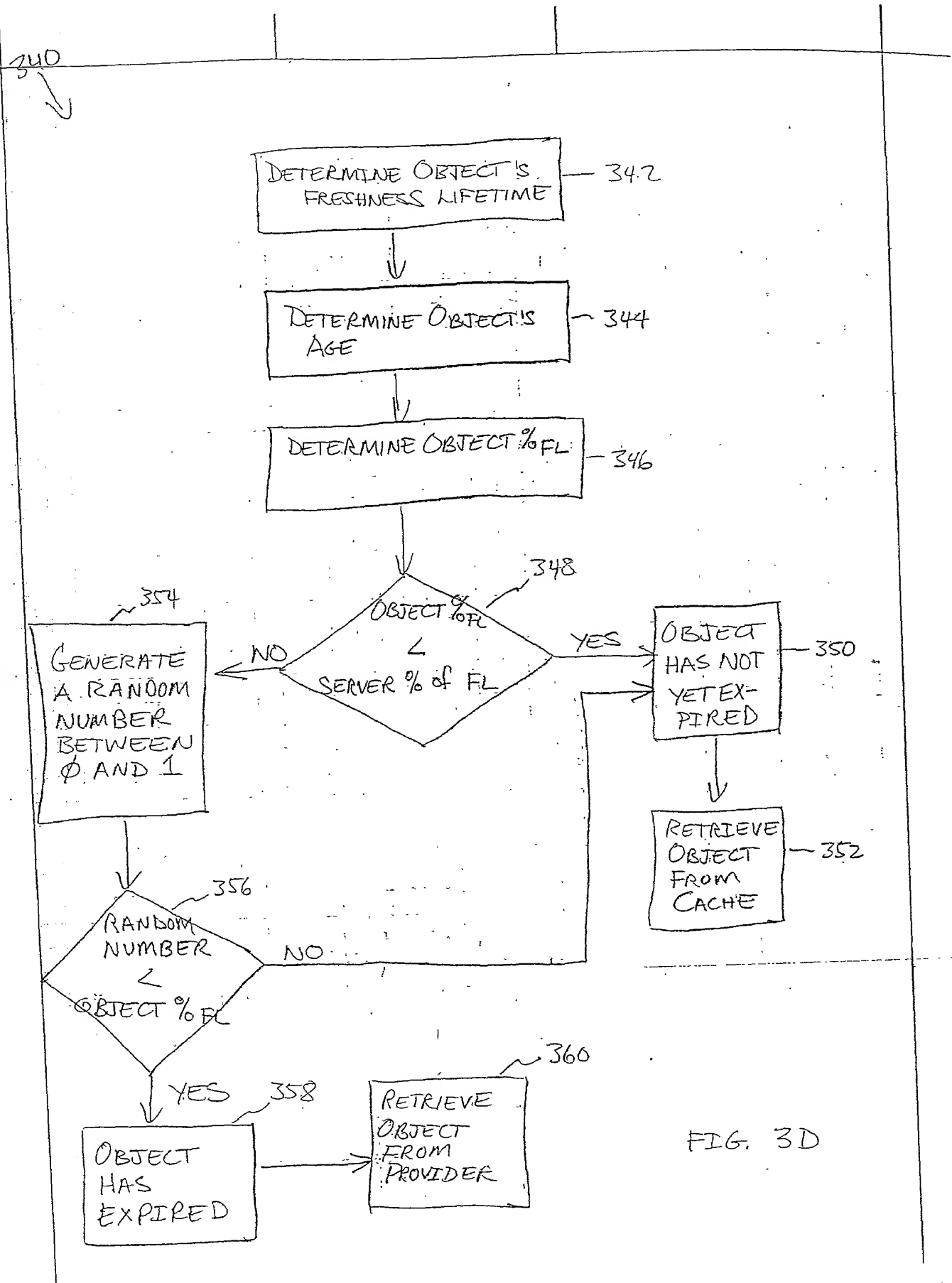


FIG. 30



% Server Lifetime

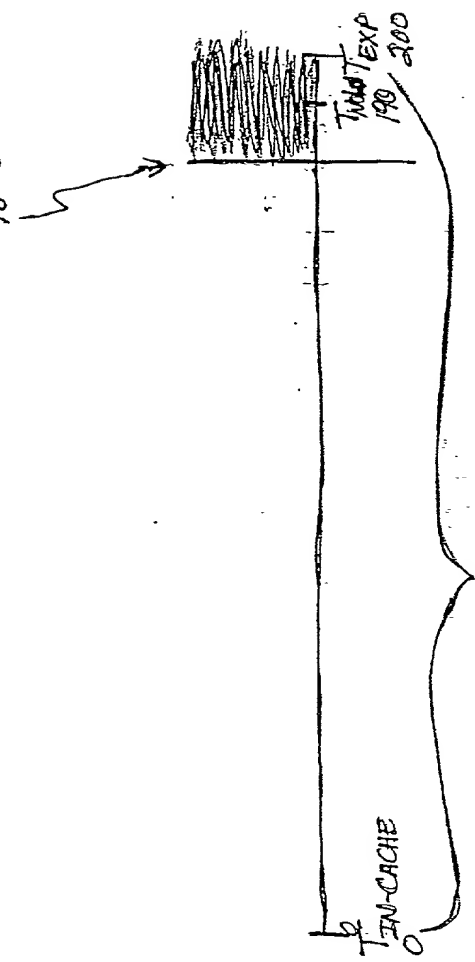


FIG. 3E

42-391 50 SHEET RECYCLED WHITE 5 SQUARE  
 42-392 100 SHEET RECYCLED WHITE 5 SQUARE  
 42-393 200 SHEET RECYCLED WHITE 5 SQUARE  
 42-394 200 RECYCLED WHITE 5 SQUARE  
 Made in U.S.A.





362

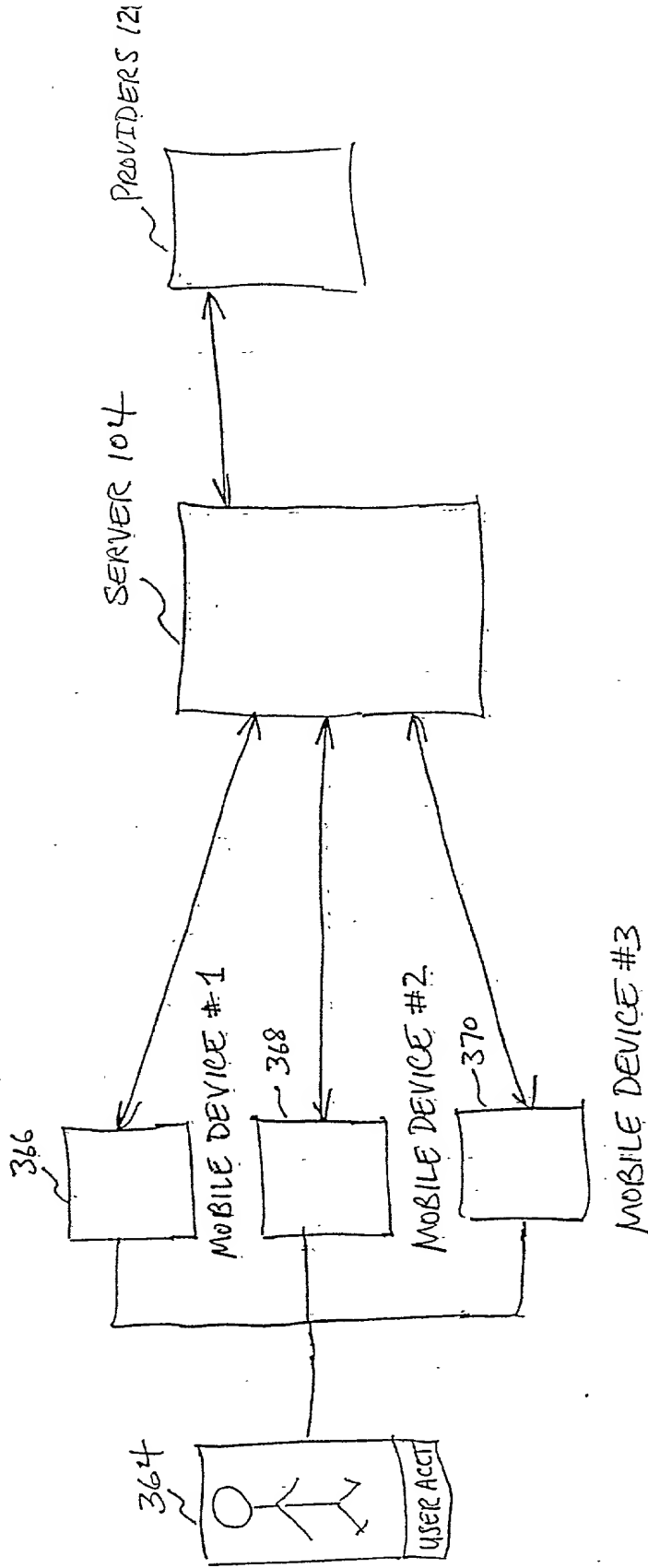


FIG. 3F

**Mobile Link**

Sync Server

Adjust the connection settings for the selected server below.

Avantian Server

Server name: ☐ ☒

Server address: ☐ ☒

Port: ☐ ☒

Username: ☐ ☒

Password: ☐ ☒

☒ Enabled ☐ Connect secure

Tap OK when finished

OK Cancel

FIG. 36

364

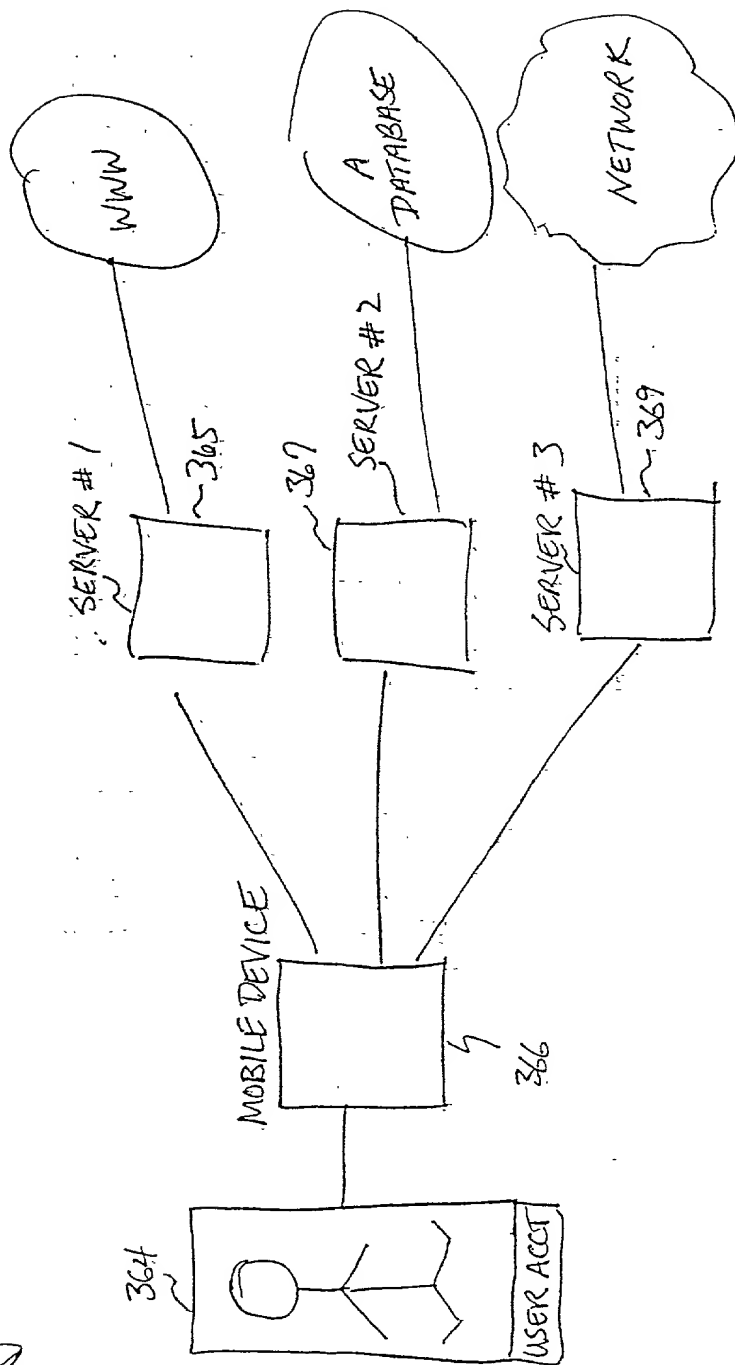


FIG. 3H

USER INITIATES SYNC ~ 374

LIST OF SYNC SERVERS  
AND ACCTS/SERVER  
ARE RETRIEVED ~376

DEVICE IS SYNCED  
TO EACH SERVER  
ONE AT A TIME

FIG. 31



400

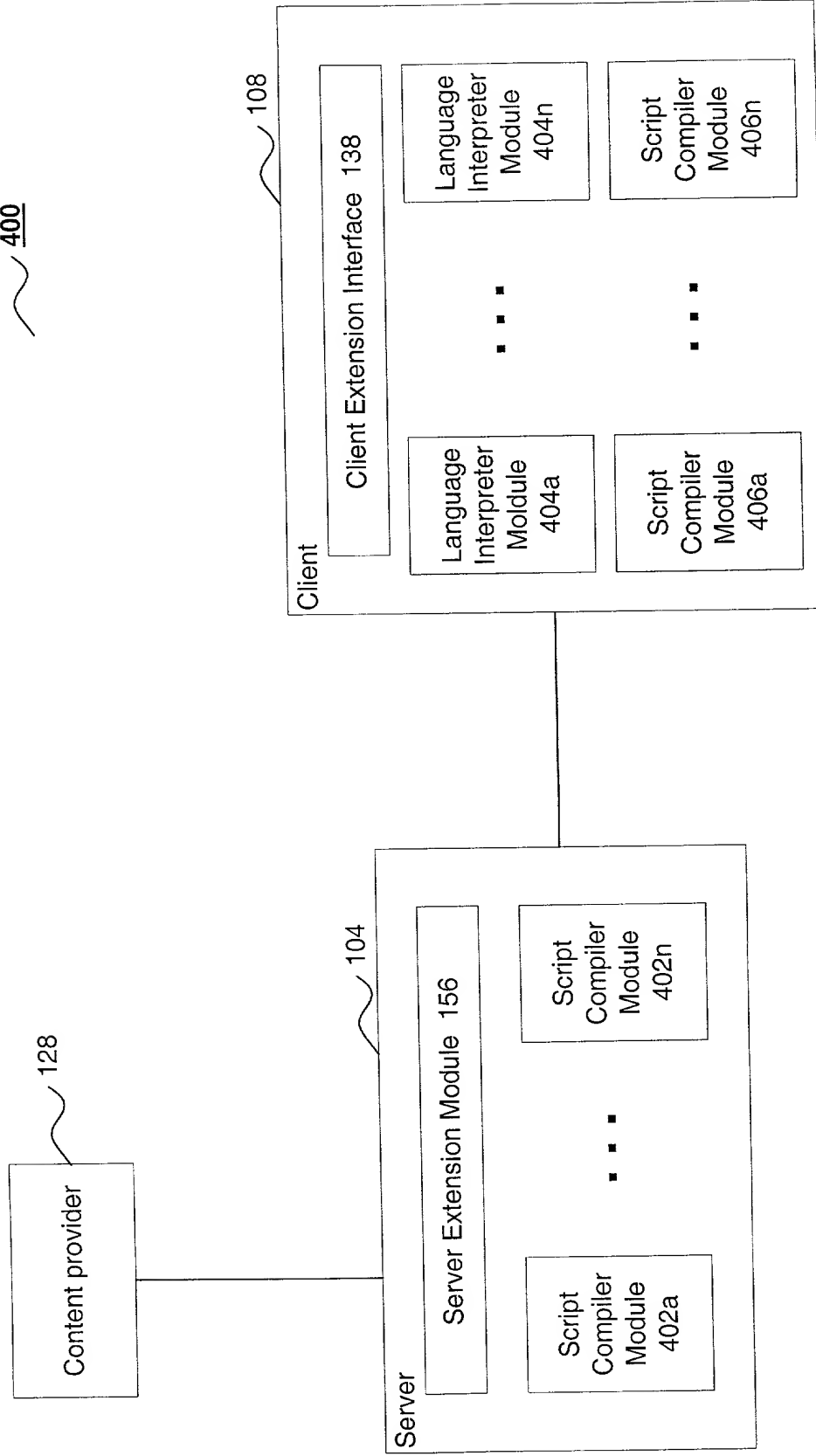


FIG. 4

500

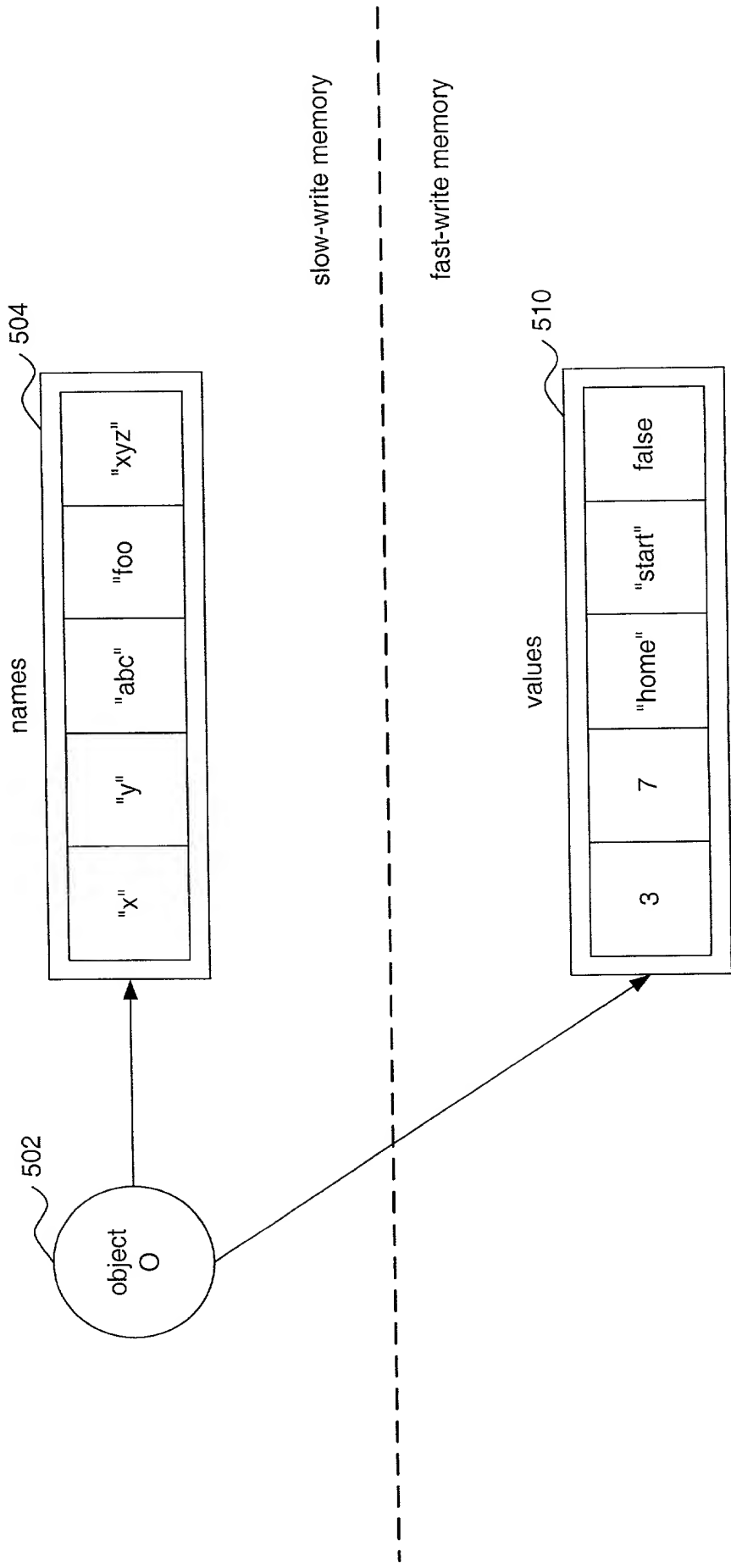


FIG. 5

600

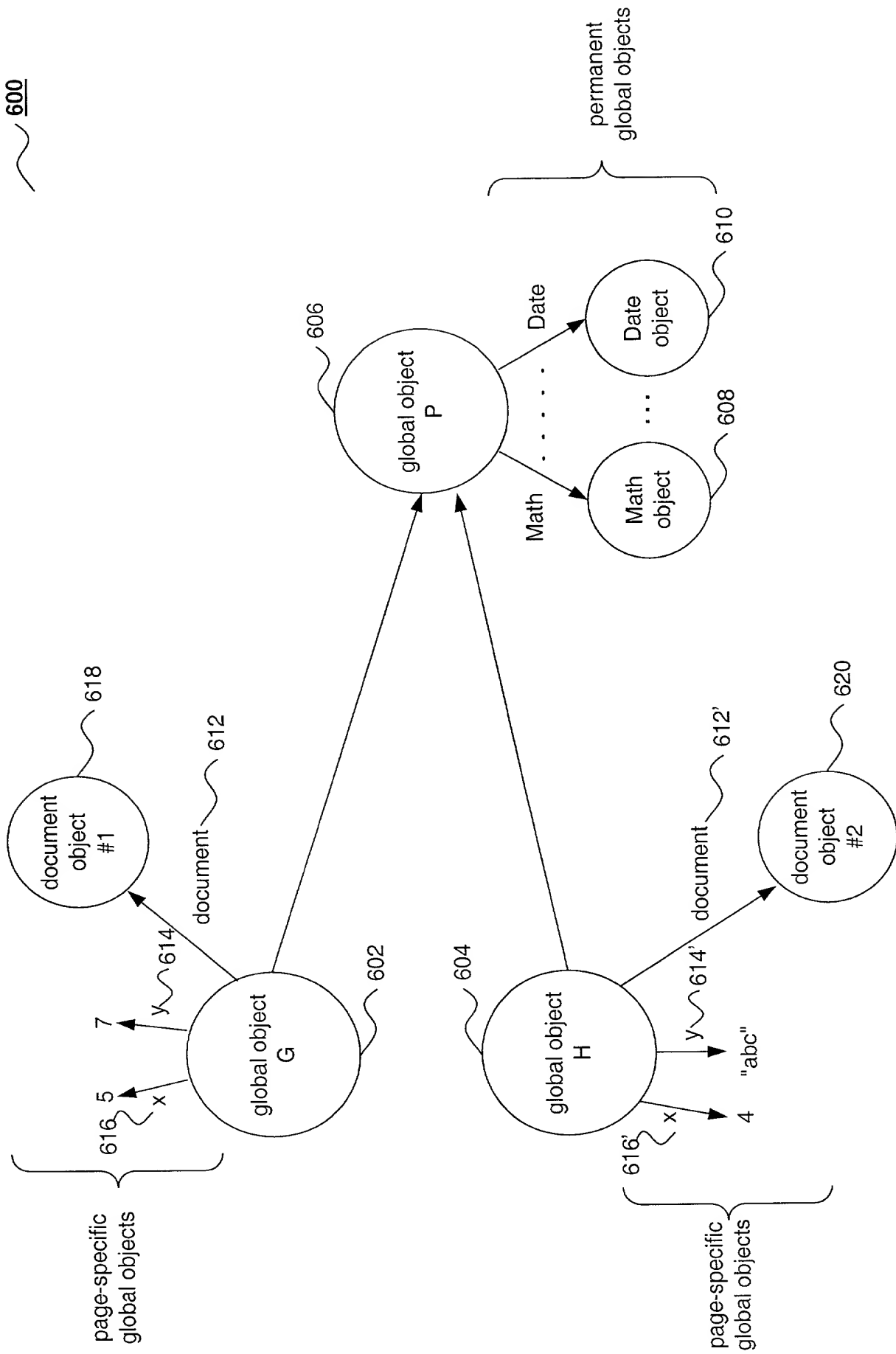


FIG. 6



700

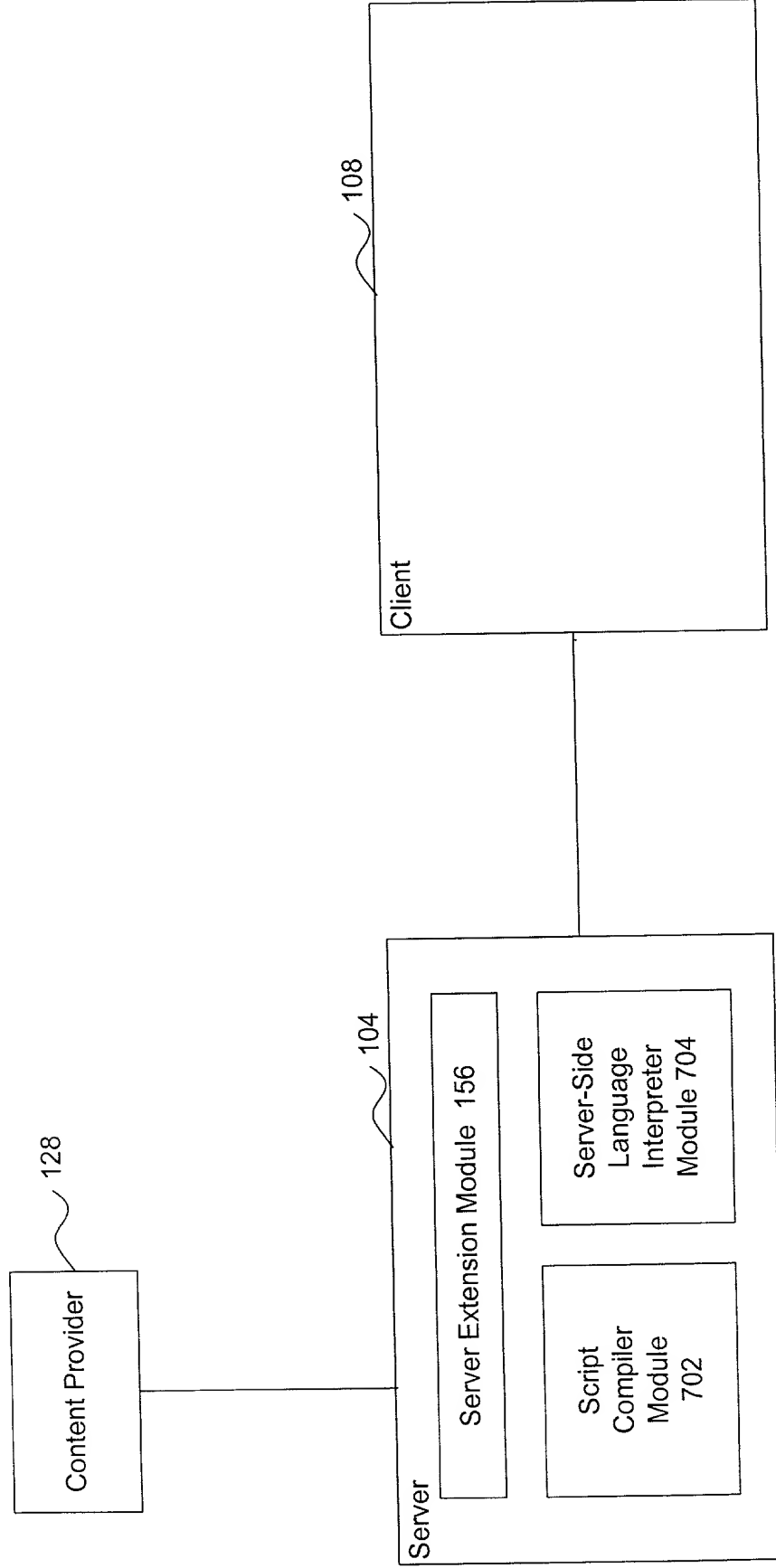
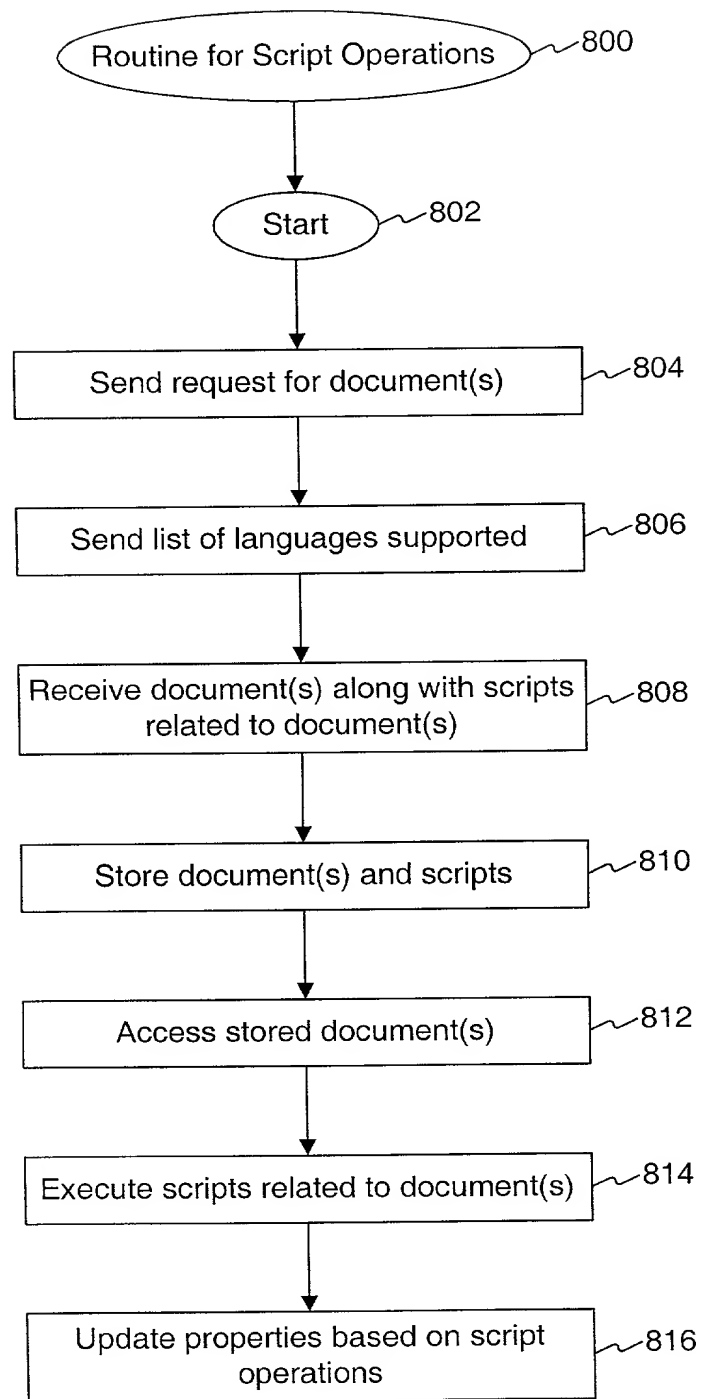


FIG. 7



**FIG. 8**

814

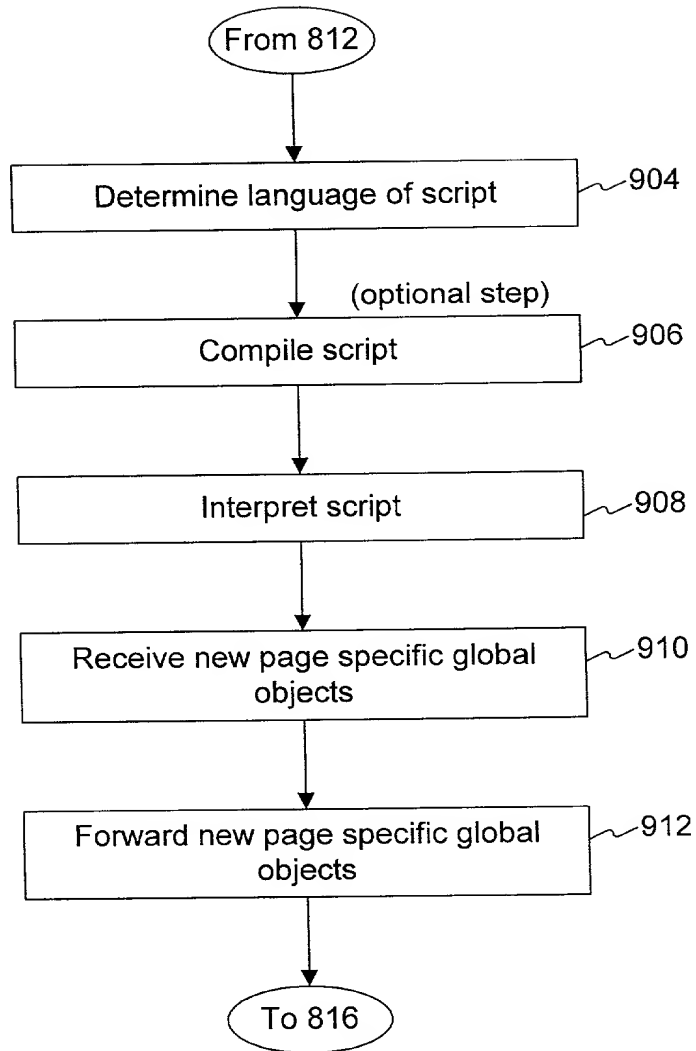


FIG. 9

816

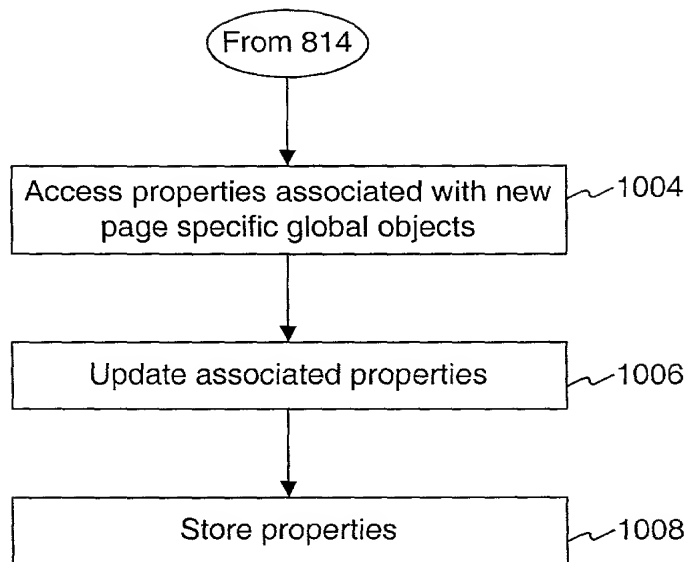
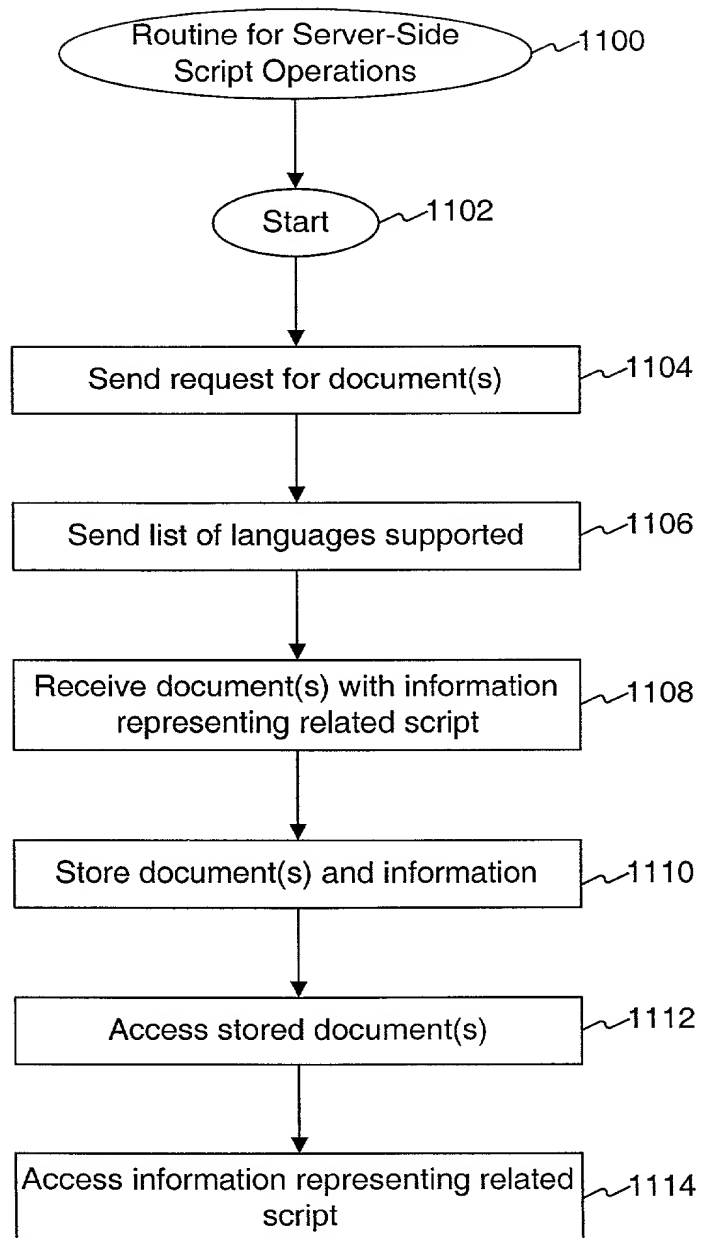


FIG. 10



**FIG. 11**